

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Il-Won Shin

GENERAL INFORMATION:

Name:	Green Tokai Company, LTD
Address:	1725 Downing Drive Maysville, Kentucky 41056
Date application received:	9/28/2006
SIC Code/SIC description:	3089, Plastics Products, NEC
Source ID:	21-161-00035
Source A.I. #:	39209
Activity ID:	APE20060002
Permit:	F-06-065

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
___ Administrative	<input type="checkbox"/> Title V
___ Minor	<input type="checkbox"/> Synthetic minor
___ Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	2005 Potential (tpy)	2006 Potential (tpy)
VOC	82.70	60.62 *
Toluene	37.45	9.59 *
Source wide HAPs	63.68	11.54

* The source will limit the emissions of VOC and single HAP (toluene) to below major sources levels

SOURCE DESCRIPTION:

Green Tokai Company (GTC) manufactures a variety of plastic and rubber automotive products for use in interior and exterior sealing and trim applications. These parts are produced primarily on one of six plastic extrusion lines operated at GTC's Mayville, Kentucky facility. For any of the six lines, the process begins by applying an adhesive coating to a continuously moving metallic strip or wire. Polyvinyl chloride (PVC) or thermoplastic olefin (TPO) resin is then extruded over top of the metal core. The extruded plastic strip is then coated with an adhesive and sent through an electrostatic booth where a granulated nylon flocking material is applied. The continuous strip is then cut to length and cured in an electric drying oven. The only exception to this sequence is that Line #5 does not utilize the flocking station.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The total annual source-wide emissions of volatile organic compounds (VOC) and combined hazardous air pollutants (HAP) shall not exceed the following limitations on a twelve month (12) rolling total: [401 KAR 52:030, Section 1]. The initial 12 month compliance demonstration period shall begin on the January 1, 2007.

- (1) VOC emissions shall not exceed 90 TPY.
- (2) Emissions of combined HAP shall not exceed 22.5 TPY.

The source has accepted VOC emission 90 TPY to preclude 401 KAR 50:012 and 59:225. This annual limitation shall not be exceeded during any consecutive twelve months period for the entire source. The addition of extrusion line #6 will not affect this cap, as all six lines will be able to operate under this limit.

Emissions of any single HAP shall not exceed 9.9 TPY. The total annual source-wide emissions shall not exceed the single limitation on three hundred and sixty-five day (365) rolling total: [401 KAR 52:030, Section 1]. The initial 365 day compliance demonstration period shall begin on the January 1, 2007.

OPERATIONAL FLEXIBILITY:

None